"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.

VAZHENIN, N., nachal'nik (Kiyev); SOKHATSKIY, V., predsedatel' (Tashkent); POROSHIN, V., zamestitel' predsedatelya (Novosibirsk); KLAZ, I., instruktor; CHISTYAKOV, I., predsedatel' (Taganrog).

All-Union Military Games of primary organizations of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. Voen.znan. 29 no.9: 2 of cover S '53. (MLRA 6:12)

1. Otdel orgmassovoy raboty i propagandy orgkomiteta Vsesoyuznogo obshchestva sodeystviya aviatsii Ukrainskoy SSR (for Vazhenin). 2. Orgkomitet Vsesoyuznogo obshchestva sodeystviya aviatsii Uzbekskoy SSR (for Sokhatskiy) 3. Oblastnyy orgkomitet Vsesoyuznogo obshchestva sodeystviya aviatsii (for Poroshin). 4. Minskiy oblastnyy orgkomitet Vsesoyuznogo obshchestva sodeystviya aviatsii (for Klaz). 5. Komitet pervichnoy organizatsii Vsesoyuznogo obshchestva sodeystviya aviatsii (for Chistyakov).
(Military education)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

VOLKOV, A., kand.tekhn.nauk; CHISTYAKOV, I., aspirant (g.Ivanovo)

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I., general-polkovnik

Drill knowledge for service and battle. Starsh.-serzh. no.1:11 Ja '61. (MIRA 14:7)

(Infantry drill and tactics)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.A. (Moskva)

Apparatus for determining blood pressure and the oculocardiac reflexes in dogs. Fiziol.zhur. 44 no.10:1003-1005 O '58 (MIRA 12:1)

(REFLEXES.

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.A.

Determination of the average lethal dose (LD_{50}) and evaluation of its significance. Vop. virus. 9 no.5:626-630 S-O '64. (MIRA 18:6)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

YEVDOKIMOV, A.A., inzh.; PYLAYEV, N.I., inzh.; CHISTYAKOV, I.D., inzh.

Study of the cavitational resistance of materials using an impact-erosion test stand under field conditions. [Trudy] LMZ no.10:241-252 '64. (MIRA 18:12)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

Chistyakov, I.D.

SOLOV'YEVA, N.P., inzh.; CHISTYAKOV, I.D., inzh.

Struggle for the expansion of construction engineering. Biul. tekh. inform. 3 no.12:22-25 D '57. (MIRA 11:1)
(Building machinery)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.G.

Structure of some liquid crystals in the supercooled state. Zhur. strukt. khim. 5 no.4:550-556 Ag '64. (MIRA 18:3)

1. Institut kristallografii AN SSSR i Ivanovskiy gosudarstvennyy meditsinskiy institut.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

USOL'TSEVA, V.A.; CHISTYAKOV, I.G.; NASYROVA, M.D.

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308010008-2

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.G.

Liquid crystal texture of sodium oleate. Kristallografiia 6 no.3:479-482 My-Je '61. (MIRA 14:8)

1. Institut kristallografii AN SSSR.
(Liquid crystals) (Sodium oleate)

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.G.; USOL'TSEVA, V.A.

Systems with liquid crystals. Part 1: Cholesterol compounds. Izv.vys.uch.zav.; khim.i khim.tekh. 5 no.4:585-588 '62. (MIRA 15:12)

1. Ivanovskiy gosudarstvennyy meditsinskiy institut i Institut kristallografii AN SSSR.
(Cholesterol)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.G.; USOL'TSEVA, V.A.

Systems with liquid crystals. Part 2: Systems
cholesteryl ... ethyl alcohol and cholesteryl - glycerol.

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.G.

Some chatacteristics of liquid crystal textures of the cholesterin and nematic types. Kristallografiia 7 no.5:764-767 S-O '62. (MIRA 15:12)

1. Ivanovskiy gosudarstvenyy meditsinskiy institut i Institut kristallografii AN SSSR.
(LIQUID CRYSTALS) (CHOLESTEROL)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.G.; USOL'TSEVA, V.A.; NASYROVA, M.D.; YERSHOVA, L.I.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.G.; USOL'TSEVA, V.A.; NASYROVA, M.D.

Systems have the liquid crystalline state. Part 4: p,p'-Nonoxybensaltoluidine. Izv. vys. ucheb. zav.; khim. i khim. tekh. 6 no.3:434-436 '63. (MIRA 16:8)

BARKAN, Vitaliy Fishelevich; ZHDANOV, Vasiliy Konstantinovich; CHISTYAKOV, N.I., professor, doktor tekhnicheskikh nauk, retsenzent; ZUDAKIN, A.I., inzhener, redaktor; PETROVA, I.A., izdatel'skiy redaktor; ZUDAKIN, I.M., tekhnicheskiy redaktor

[Radio receiver apparatus] Radiopriemnye ustroistva. Moskva, Gos. izd-vo obor. promyshl., 1956. 495 p. (MIRA 9:12)
(Radio--Receivers and reception)

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.G.; USOL'TSEVA, V.A.

Systems having the liquid crystalline state. Part 5: Paraazoxyanisole and paraazoxyphenetole. Izv. vys. ucheb. zav.; khim. i khim. tekh. 6 no.3:436-439 '63. (MIRA 16:8)

(Liquid crystals) (Anisole—Thermal properties)
(Phenetole—Thermal properties)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

S/070/63/008/001/013/024
E132/E460

AUTHOR: Chistyakov, I.G.

TITLE: A study of the transparency of liquid crystals

PERIODICAL: Kristallografiya, v.8, no.1, 1963, 79-86

TEXT: The transparency of cholesteryl esters at different temperatures has been studied. It was found that changes in the transparency serve as criteria, not only of phase transitions of the type solid crystal - liquid crystal - isotropic liquid, but also as criteria of polymorphic transitions inside a single phase which may be liquid-crystalline. The experimental measurements were made on specimens in an air thermostat through which a beam of light was passed. The beam was collected in a photomultiplier. The temperature could be changed at 0.25°/min. Light transmission was also measured on the stage of an МФ-2 (MF-2) microphotometer on which a heater was mounted. Because of uncertainties in the temperature in this case the transparency was plotted against time as the specimen warmed up or cooled down. Graphs are given for cholesteryl caprylate, caprate, capronate, formate, acetate, stearate and palmitate. In each case the

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specimen was carried through a cycle of heating and cooling and the transitions are shown by steps in the transparency/temperature curve. There is normally considerable hysteresis and the two branches of the record do not coincide. Some general macroscopic observations on the appearance of the specimens at each stage are given but proper crystallo-optical measurements are necessary to explain the structures properly. The methods described give a quick survey of the field. There are 13 figures.

ASSOCIATIONS: Ivanovskiy gosudarstvennyy meditsinskiy institut
(Ivanovo State Medical Institute)
Institut kristallografii AN SSSR
(Institute of Crystallography AS USSR)

SUBMITTED: May 3, 1962

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.G.

Process of growth of smectic textures. Kristallografiia 8 no.1: 123- 128 Ja-F '63 (MIRA 17:7)

1. Institut kristallografii AN SSSR i Ivanovskiy gosudarstvennyy meditsinskiy institut.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.G.; VAYNSHTEYN, B.K.

Structure of β-benzolazo-(anisal-α-naphthylamine) in a vitrified liquid crystalline state. Kristallografiia 8 no.4:570-577 Jl-Ag '63. (MIRA 16:9)

1. Institut kristallografii AN SSSR.
(Naphthylamine) (Liquid crystals)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.G.

Structure of n,n'-nonoxybenzaltoluidine and cholesteryl caprinate in the liquid crystalline state. Kristallografiia 8 no.6:859-864 N-D'63. (MIRA 17:2)

1. Institut kristallografii AN SSSR.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

USOL'TSEVA, V.A.; CHISTYAKOV, I.G.

Chemical characteristics, structure, and properties of liquid crystals. Usp.khim. 32 no.9:1124-1151 S '63. (MIRA 16:9)

1. Ivanovskiy gosudarstvenny. meditsinskiy institut i Institut kristallografii AN SSSR.

(Liquid crystals)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

VAYNSHTEYN, B.K.; CHISTYAKOV, I.G.

X-ray study of the structure of liquid crystals with the aid of the distribution function. Dokl. AN SSSR 153 no.2:326-329 N '63. (MIRA 16:12)

1. Chlen-korrespondent AN SSSR (for Vaynshteyn).

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.G.; KOSTERIN, Ye.A.

Vitrified liquid-crystal films. Rost krist. 4:68-73 '64.
(MIRA 17:8)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.G.

Growth of single-crystal nematic films. Rost kryst. 4:74-80 '64. (MIRA 17:8)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

L 10245-67 EWT(1) IJP(c) GG
ACC NR: AT6029740 SOURCE CODE: UR/0053/66/089/004/0563/0602

56

AUTHOR: Chistyakov, I. G.

ORG: Ivanova Medical Institute (Ivanovskiy meditsinskiy institut)

CHISTYAKOV, I.

VAZHENIN, N., nachal'nik (Kiyev); SOKHATSKIY, V., predsedatel' (Tashkent); POROSHIN, V., zamestitel' predsedatelya (Novosibirsk); KLAZ, I., instruktor; CHISTYAKOV, I., predsedatel' (Taganrog).

All-Union Military Games of primary organizations of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. Voen.znan. 29 no.9: 2 of cover S '53. (MLRA 6:12)

1. Otdel orgmassovoy raboty i propagandy orgkomiteta Vsesoyuznogo obshchestva sodeystviya aviatsii Ukrainskoy SSR (for Vazhenin). 2. Orgkomitet Vsesoyuznogo obshchestva sodeystviya aviatsii Uzbekskoy SSR (for Sokhatskiy)

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I.M.

TSIURUPA, I.I., inzhener; CHISTYAKOV, I.M.

Building foundations for industrial trestles on screw piles.
Stroi.prom. 32.no.7:31-33 Jl '54. (MLRA 7:7)
(Trestles) (Pile driving)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

TSYURUPA, I.I., inzhener; CHISTYAKOV, I.M., inzhener.

Building a bridge on screw shell piles. Transp. stroi. 5 no.9: 3-8 N '55. (Piling (Civil engineering)) (MLRA 9:2)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

Chistyakov, I.M.

TSYURUPA, I.I., inzh.; CHISTYAKOV, I.M., inzh.

Constructing small bridges with frame-type piers. Transp.stroi. 7 no.8:26-27 Ag '57. (MIRA 10:12)

(Bridges, Concrete)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, Igor' Mikhaylovich

TSYUKUPA, Ivan Iosifovich, inzh.; CHISTYAKOV, Igor' Mikhaylovich, inzh.; DOBSHITS, M.L., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Engineering equipment for screw piles] Inzhenernye sooruzheniia na vintovykh svaiakh. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 77 p. (MIRA 11:7)

(Piling (Civil engineering))

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

RYBAK, P.I., inzh.; KRAYNIY, A.I., inzh.; CHISTYAKOV, I.M., dotsent

Causes for the breakdown of the reloading crane. Bez.truda v prom. 6 no.1:12-13 Ja '62. (MIRA 15:1)
(Cranes, derricks, etc.--Safety measures)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

VOKRACHKO, Yuriy Georgiyevich; DELERZON, Boris Samuilovich; IL'IN, Andrey Aleksandrovich; SALIVON, Stepan Alekseyevich; FAL'KOVICH, Boris Moiseyevich; FEDOROV, Yuriy Viktorovich; CHISTYAKOV, Ivan Pavlovich; OKUNEV, Yu.K., podpolkovnik, red.; SOKOLOVA, G.F., tekhn. red.

[Textbook for the second-class military driver] Uchebnik voennogo voditelia vtorogo klassa. [By] IU.G.Vokrachko i dr. Moskva, Voenizdat, 1963. 376 p. (MIRA 16:6)
(Automobile drivers)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

MIKHAYLOV, N.N., kand. biolog. nauk; KONDRAKHINA, K.N.; CHISTYAKOV, I.Ya., nauchnyy sotrudnik

Hygiene of the preputial cavity in boars. Veterinariia 41 no.9:92-93 S '64. (MIRA 18:4)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.
2. Starshiy laborant Vsesoyuznogo instituta eksperimental'noy veterinarii (for Kondrakhina).

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

SIDOROV, N.; ANTONOV, V.; BOROVSKIY, G.; BOCHKO, L.; SOLOV'YEV, M.; SOLOKHIN, V.; TETERIN, N.; CHISTYAKOV, L.; NENASHEV, V.; USHATIKOV, N.; NOVICHKOV, A.; YARTSEV, N., red.; KUZNETSOVA, A., tekhn. red.

[Technology summons us] Tekhnika zovet. Moskva, Mosk. rabochii, 1961. 194 p. (MIRA 15:2)
(Technological innovations) (Automation)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, I. [redacted]

Toward the festival of youth. Sov. profsoiuzy 5 no.4:58-62 Ap '57.
(Youth--Congresses) (MLRA 10:6)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, L.D.

New and rare diatoms of the Irtysh River. Bot.mat.Otd.spor. rast. 12:60-67 Ja '59. (MIRA 12:12)
(Irtysh River--Diatoms)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, Leonid Sergeyevich; ZHUKOV, Valentin Nikolayevich; OVSYANNIKOV, [illegible] red.; NIKOLAYEVA, L.N., tekhn.red.

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, Leontiy Sergeyevich; YARTSEV, N., red.; SHLYK, M., tekhn.red.

[Furniture; practice in introducing new equipment and technology] Mebel'; opyt vnedreniia novoi tekhniki i tekhnologii. Moskva, Mosk.rabochii, 1960. 93 p. (MIRA 14:1)
(Furniture)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, Leontiy Sergeyevich; RAZINKOV, P., red.; KUZNETSOVA, A., tekhn. red.

[Recent development in wood processing] Novoe v obrabotke drevesiny. Moskva, Mosk. rabochii, 1963. 82 p.
(MIRA 16:7)

(Woodworking industries)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

NIKONOV, Mikhail Ivanovich; CHISTYAKOV, Leontiy Sergeyevich, zhurnalist; YARTSEV,N., red.; KUZNETSOVA, A., tekhn. red.

[Speedy assembly line] Skorostnoi potok. Moskva, Mosk. rabochii, 1963. 118 p. (MIRA 16:8)
(Construction industry)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, L. V., KURCHATOV, B. V., MEKHEDOV, V. N., KUZNETSOVA, M. Ya., BORISOGA, N. I. and KURCHATOVA, L. N.

"Radiochemical Studies of Spallation Products of Silver With High Energy Particles".

Report appearing in 1st Volume of "Session of The Academy of Sciences USSR on the Peaceful Use of Atomic Energy, 1-5 July 1955", Publishing House of Academy of Sciences USSR, 1955.

SO: Sum 728, 28 Nov 1955.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

SOV/56-34-6-2/51

AUTHORS: Baranov, S. A., Rodionov, Yu. F., Shishkin, G. V., Chistyakov, L. V.

TITLE: The Energy Levels of the Dy^{161} Nucleus (Energeticheskiye urovni yadra Dy^{161})

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskiy fiziki, 1958, Vol 34, Nr 6, pp 1367-1380 (USSR)

ABSTRACT: First, the authors mention the previous papers concerning this subject. The purpose of this paper is a more accurate investigation of the electron spectrum (including its low energy part) and of the soft γ-radiation caused by the decay of Tb^{161}. The electron spectrum of Tb^{161} was investigated by means of a magnetic β-spectrometer with double focusing of the electron beam (Ref 11). The γ-radiation caused by the decay of Tb^{161} was investigated by means of spectrometric proportional counters. The experimental device and the preparation of the radioactive source (Tb 161) is described in a few lines. A diagram shows a great part of the β-spectrum and the electron spectrum for the interval of the values of

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Hρ from 200 to 900 G.cm (obtained by means of the thin source) and from 780 to 980 G.cm (obtained by means of a more intense source). The authors observed some dozens of electron lines which are placed mainly in the low energy part of the spectrum, but they observed no(although if weak) high energy conversion lines. A table gives an interpretation of the conversion lines corresponding to the γ-transitions of the Dy^{161} nucleus and also the intensities for some lines. In the Curie (Kyuri) diagram one may discern 4 partial spectra the energy limits of which are given. The following part of this paper deals with the measurement by means of a spectrometric proportional counter and of a γ-spectrometer. A diagram shows the spectrum of the X-radiation and of the soft radiation of Dy^{161} plotted in the coordinates.(N, $E_{X,\gamma}$) where N denotes the number of the pulses and $E_{X,\gamma}$ - the energy of the X- and γ-radiation (in keV) for 3 different measurement series. The next part of this paper deals with the determination of the multipole type of the γ-transitions. A table gives the experimental values of the absolute conversion coefficients for the γ-radiations with the energies 25,75; 48,9; 74,4 keV. The

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γ-radiation with the energies 48,9 and 74,5 keV corresponds, respectively, to the magnetic and electrical dipole radiation. The construction of a scheme of the energy levels of the Dy^{161} nucleus on the basis of the experimental data leads to some difficulties. Some of the observed conversion lines and γ-lines cannot be explained in an unambiguous way. For the Dy^{161} nucleus energy levels with 25,8; 44 + 46; 48,9; 74,5; 84; 102; 103,8; 151,5; ~325 keV were found. A figure shows the possible scheme of the Dy^{161} nucleus, it was plotted according to the experimental data. But this scheme does not pretend to be a complete one. The authors thank F. L. Shapiro, A. I. Baz', V. M. Strutinskiy, L. N. Ivker, and D.F. Zaretskiy for the participation in the discussion concerning this paper. They thank also L. A. Sliv who placed to the authors' disposal some new data concerning the conversion coefficients of L-subshell atoms. There are 5 figures, 4 tables, and 21 references, 5 of which are Soviet.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

AUTHORS: Kurchatov, B. V., Mekhedov, V. N., SOV/56-35-1-7/59
~~Chistyakov, B. V.~~, Kuznetsova, M. Ya., Borisova, N. I.,
~~Solov'yev, V. G.~~

TITLE: Secondary Nuclear Reactions in Bismuth and Lead During Bombardment by Protons of High Energy (Vtorichnyye yadernyye reaktsii na vismute i svintse pri bombardirovke protonami vysokikh energiy)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958, Vol 35, Nr 1, pp 56 - 63 (USSR)

ABSTRACT: In the present paper experiments are described which had already been carried out in 1951 - 1952, the results and evaluations of which are, however, published only now. Bi(Z=83) and Pb(Z=82) was bombarded with protons of energies of from 180 to 480 MeV, and astatine isotopes (Z=85) were obtained, the production of which was investigated by a radiochemical method. With the exception of At^{211}, which was also obtained from lead, - $Pb^{208}(Li,kn)At^{211}$ -, it was possible to obtain all astatine isotopes from bismuth. $\sigma(A^{211}) = 6.10^{-29} cm^2$,

Card 1/3

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$\sigma(A^{210}) = 2.10^{-29} cm^2$. The At-isotopes found are nearly all α-active. $At^{203}(\alpha,K)$:T = 7 min, $At^{204}(K)$:T= 25 min; $At^{205}(\alpha,K)$:T = 25 min; $At^{206}(K)$:T = 2,5 h; $At^{207}(\alpha,K\ 90\%)$: :T = 2 h; $At^{208}(K)$:T = 6,3 h; $At^{209}(\alpha,K\ 95\%)$:T = 5,5 h; $At^{210}(K)$:T = 8,3 h; (For the α-activity of Po^{210} T = 140 d); $At^{211}(\alpha,K\ 60\%)$:T = 7,5 h. The production cross section of At^{211} in lead was $\sim 10^{-31}$ cm. The authors endeavored to explain the phenomena observed by assuming them to be the result of a secondary reaction of the capture of fission products (α-particles or Li-nuclei). The production of light astatine isotopes might be explained by the capture of high-energy protons with a following emission of π^- -mesons and several neutrons. The cross section for the production of α-particles with E > 20 MeV from bismuth irradiated with 480 MeV protons is determined from the astatine yield as amounting to (5 to 6). $10^{-25} cm^2$. (Perfilov and Ostroumov (Ref 11) obtained $(1,5 \div 1,6).10^{-25}$ cm^2.) In conclusion Professors B.M.Pontekorvo and I.Ya.

Card 2/3

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

Pomeranchuk are thanked for their advice and discussions. There are 2 figures, 4 tables, and 12 references, 2 of which are Soviet.

SUBMITTED: February 20, 1958

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

[redacted]

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

S/824/62/000/000/002/004
B183/B102

AUTHORS: Borisova, N. I., Kurchatov, B. V., Novgorodtseva, V. I., Pchelin, V. A., Chistyakov, L. V., Shubko, V. M.

TITLE: The radiochemical study of Am^{241} fission by neutrons of various energies

SOURCE: Fizika deleniya atomnykh yader. Ed. by N. A. Perfilov and V. P. Eysmont. Moscow, Gosatomizdat, 1962, 48 - 53

TEXT: Even-odd nuclei can be fissioned at different resonance energies according to which of the two possible spin states is present. This effect was observed in the neutron-induced fission of Am^{241}. Because of the relatively low fission cross section of Am^{241} the study was made with a filtered beam of rays, despite certain disadvantages of this as compared with monochromatic neutron beams. The irradiation was done in the IRT (IRT) reactor under a neutron flux of $5 \cdot 10^{12}$ neutrons/cm^2·sec lasting one hour without and several hours with the filter. The filters were of aluminum-alloyed gadolinium, cadmium, rhodium, and erbium oxides. The

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

S/824/62/000/000/002/004
B183/B102

The radiochemical study of...

Am^{241} was extracted from plutonium, thoroughly purified and then electrodeposited upon platinum disks to give a thickness 0.13 - 0.5 mg/cm^2. The fission products emitted from this layer on irradiation were collected on filter paper and subjected to radiochemical analysis. The counting was made on a methane flow counter with an approximate 4π-geometry. The yield of the different products, as referred to the yield in Mo^{99}, increases with increasing neutron energy when the yield of Ba^{140} is neglected. Comparative calculations showed that within experimental limits of error thermal neutrons and neutrons of the first resonance cause the same mass yields in the fission of Am^{241}. The effect is too weak to allow of estimates in the regions of the second and third resonances. There are 1 figure and 2 tables.

Card 2/2

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

ACC NR: AP7013696 SOURCE CODE: UR/0367/67/005/002/0241/0249

AUTHOR: Baranov, S. A.; Aliyev, I. G. -- Aliev, I. G.; Chistyakov, L. V.

ORG: none

TITLE: Alpha-decay of Cm^{240} and Cm^{241}

SOURCE: Yadernaya fizika, v. 5, no. 2, 1967, 241-249

TOPIC TAGS: alpha decay, alpha beam, alpha radiation, alpha spectrum, alpha particle, nuclear energy level, alpha spectroscopy

SUB CODE: 20

ABSTRACT: The α-radiation spectra of CM^{241}, Cm^{240}, and Pu^{236} were investigated using a magnetic α-spectrograph with double focussing of the α-particle beam at the angle $\pi\sqrt{2}$. In the spectra of Cm^{241}, Cm^{240}, and Pu^{236} were found 12, 4, and 2 groups of α-particles respectively. The energy level schemes of Pu^{236}, and U^{232} nuclei were constructed from the experimental data. The existence of rotation bands with the quantum characteristics $\frac{1}{2}^+[631]$ and $\frac{7}{2}^-[743]$ in the level

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

ACC NR: AP7013696

N. I. Aleshin, and K. I. Merkulova for help with the measurements. Orig. art. has: 4 figures and 2 tables. [Based on authors' Eng. Abst.] [JPRS: 40,570]

Card 2/2

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, M.

Improve control over the operation of organizations that plan construction work. Fin. SSSR 16 no.1:30-33 Ja '56. (MLRA 9:5)
(Construction industry--Finance)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, M.

CHISTYAKOV, M.

Designing organizations on a business accounting basis. Fin.SSSR 17 no.8:30-33 Ag '56. (MIRA 10:12)
(Architecture--Designs and plans)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, M.; SYSOYEV, B.; DUSHEN'KINA, S.

Financing planning-surveying works. Fin.SSSR 21 no.7: 81-85 Jl '60. (MIRA 13:7)

1. Nachal'nik otdela finansirovaniya proyektnykh organizatsiy Stroybanka (for Chistyakov). 2. Starshiy inspektor otdela finansirovaniya proyektnykh organizatsiy Stroybanka (for Sysoyev). 3. Zamestitel' upravlyayushchego Proletarskim otdeleniyem Stroybanka Moskvy (for Dushen'kina).
(Banks and banking)
(Construction industry--Finance)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, M.

Spend funds for construction designing and planning economically.
Fin. SSSR 23 no.7:41-45 Jl '62. (MIRA 15:7)
(Construction industry--Finance) (Architecture--Designs and plans)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHERNYSH, V.; BABAKHADZHAYEV, A. (st.Kagan Tashkentskoy zheleznoy dorogi); FEDOTOV, G. (Penza); KLOKOV, A. (Yaroslavl'); SKVORTSOV, A. (Yaroslavl'); CHISTYAKOV, M. (Tula); SEROV, B. (poselok Nizhneangarsk, Buryatskaya ASSR); SANAKOYEV, I. (Magadanskaya oblast'); AGAFONOV, G., instruktor profilaktiki (Yegor'yevsk, Moskovskaya obl.); MALANOV, V. (Chelyabinsk)

Readers' letters. Pozh.delo 7 no.9:31 S '61. (MIRA 14:11)
(Fire prevention)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

VEKSHIN, G.; SEMIN, N.; CHISTYAKOV, M.

Soviet-Czechoslovak economic cooperation is growing stronger.
Vnesh. torg. 29 no.12:12-17 '59. (MIRA 12:12)
(Russia--Foreign economic relations--Czechoslovakia)
(Czechoslovakia--Foreign economic relations--Russia)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

ZOLOTAREV, V.I.; AVSENEV, Yu.M.; KAPRANOV, I.A.; KISVYANTSEV, L.A.; PEKSHEV, Yu.A.; SHVETSOV, N.I.; TELEGIN, Ya.I.; POTAPOV, V.I.; KISVYANTSEV, L.A.; ZYKOV, A.A.; NETHUSOV, A.A.; SEMIN, V.P.; MAKSIMOVA, A.P.; NIKOLAYENKO, Zh.I.; VOLKOV, N.V.; KALASHNIKOV, A.A.; PLAKSIN, S.V.; POPOV, N.N.; KARSHINOV, L.N.; YAKIMOVA, T.A.; BASHKANIKHIN, I.K.; KETKOVICH, A.Ya.; SHALASHOV, V.P.; VORONKOV, F.N.; VEKSHIN, G.K.; CHISTYAKOV, M.A.; IVANOV, N.I., red.; SLADKOVSKIY, M.I., red.; LEPNIKOVA, Ye., red.; MOSKVINA, R., tekhn.red.

[Development of the economy of the people's democracies; a survey for 1957] Razvitie ekonomiki stran narodnoi demokratii; obzor za 1957 g. Pod red.N.I.Ivanova i dr. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1958. 610 p. (MIRA 12:2)

1. Moscow. Nauchno-issledovat. kon"yunkturnyy institut.
(People's democracies) (Economic conditions)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

ZOLOTAREV, V.I.; PEKSHEV, Yu.A.; AVSENEV, Yu.M.; KAPRANOV, I.A.; KISVYANTSEV, L.A.; SHVETSOV, N.I.; TELEGIN, Ya.I.; POTAPOV, V.I.; KISVYANTSEV, L.A.; ZYKOV, A.A.; NETRUSOV, A.A.; SENIN, V.P.; MAKSIMOVA, A.P.; NIKOLAYENKO, Zh.I.; VOLKOV, N.V.; KALASHNIKOV, A.A.; PLAKSIN, S.V.; POPOV, N.N.; KARSHINOV, L.N.; YAKIMOVA, T.A.; BASHKANIKHIN, I.K.; KETKOVICH, A.Ya.; SHALASHOV, V.P.; VORONKOV, F.N.; VEKSHIN, G.K.; CHISTYAKOV, M.A.; IVANOV, N.I., red.; SLADKOVSKIY, M.I., red.; LEPNIKOVA, Ye., red.; MOSKVINA, R., tekhn.red.

[Economic development of the people's democracies] Razvitie ekonomiki stran narodnoi demokratii; obzor za 1957 g. Pod red. N.I. Ivanova i dr. Moskva, Izd-vo sots.-ekon.lit-ry, 1958. 610 p. (MIRA 12:7)

1. Moscow. Nauchno-issledovatel'skiy kon"yunkturnyy institut. (Economic conditions)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

BRIKER, M.L., inzh.; CHISTYAKOV, N.A., inzh.

KZh-20 milling machine for facing wheels. Elek.i tepl.tiaga 4 no.1:30-32 Ja '60. (MIRA 13:4)
(Electric locomotives--Maintenance and repair)
(Car wheels)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, Mikhail Aleksandrovich; GORYUNOV, V.F., red.

[The Czechoslovak Socialist Republic; its economy and foreign trade] Chekhoslovatskaia Sotsialisticheskaia Respublika; ekonomika i vneshniaia torgovlia. Moskva, Vneshtorgizdat, 1964. 192 p. (MIRA 17:8)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, M.I., kand.ekonom.nauk; KOMAROV, Ye.I., red.; GERASIMOVA, Ye.S., tekhn.red.

[Principal problems in methods of industrial planning] Osnovnye voprosy metodiki planirovaniia promyshlennosti. Moskva, Gosplanizdat, 1958. 85 p. (MIRA 12:5)
(Industrial organization)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

S/115/62/000/003/004/010
E194/E484

AUTHOR: Chistyakov, M.I.

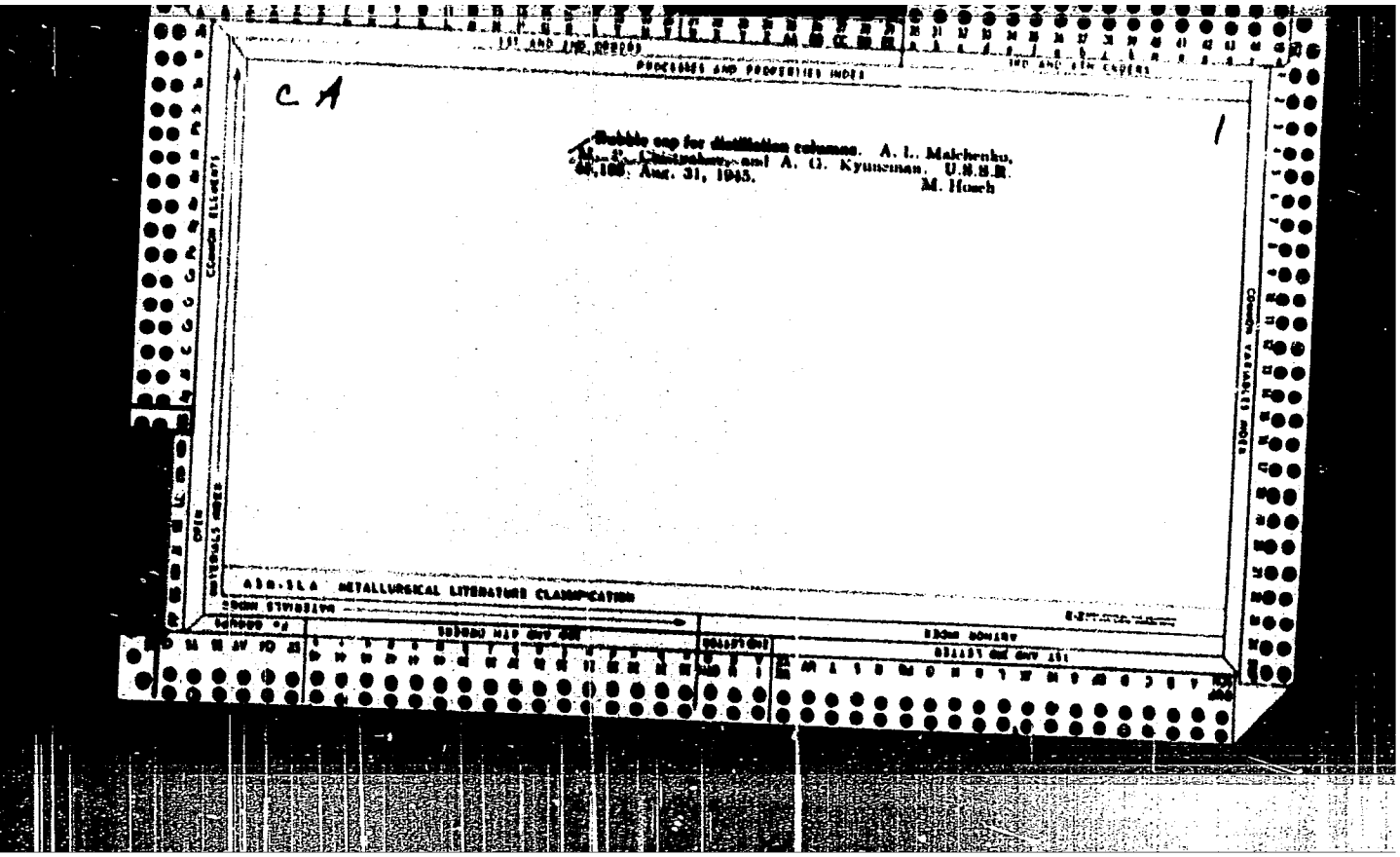
TITLE: A pneumatic-hydraulic installation for checking standard manometers

PERIODICAL: Izmeritel'naya tekhnika, no.3, 1962, 16-17

TEXT: The usual method of checking reference spring manometers against standard manometers using a hydraulic press is simple and accurate but has the disadvantage that the sensitive part of the manometer being tested becomes filled with oil which it is very difficult to remove and which, in some cases, cannot be tolerated. Accordingly, the author in collaboration with V.D.Nikulin has developed a test rig in which standard spring type manometers can be checked against a loaded piston manometer without filling them with oil. A vessel filled with oil is in communication with the base of the loaded piston manometer and the oil level is adjusted [illegible] to be against the base of the manometer piston. Compressed [illegible] simultaneously both to the

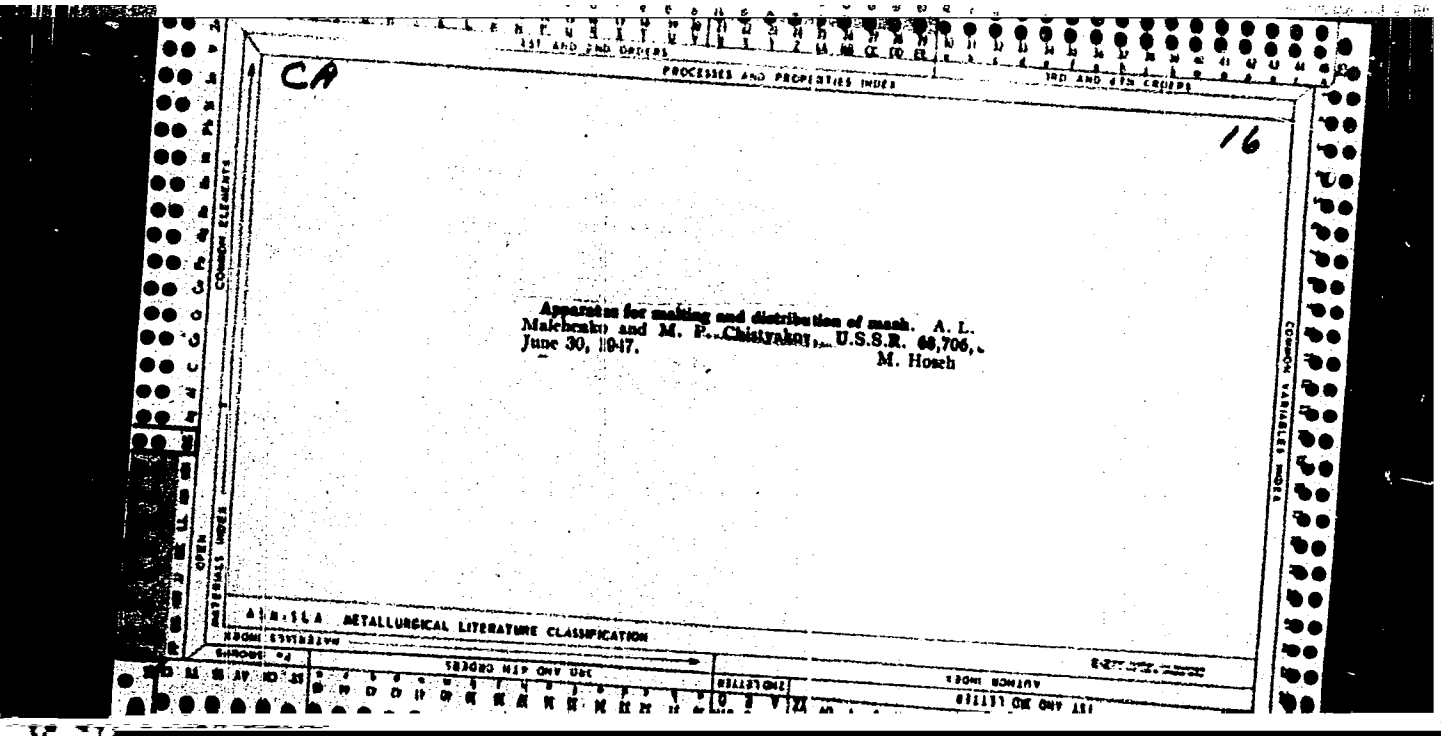
RAKOV, Anatoliy Vasil'yevich; CHISTYAKOV, Ivan Dmitriyevich; IVANOV-SKOBLIKOV, P.V., inzh., red.; KUBNEVA, N.M., tekhn.red.

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

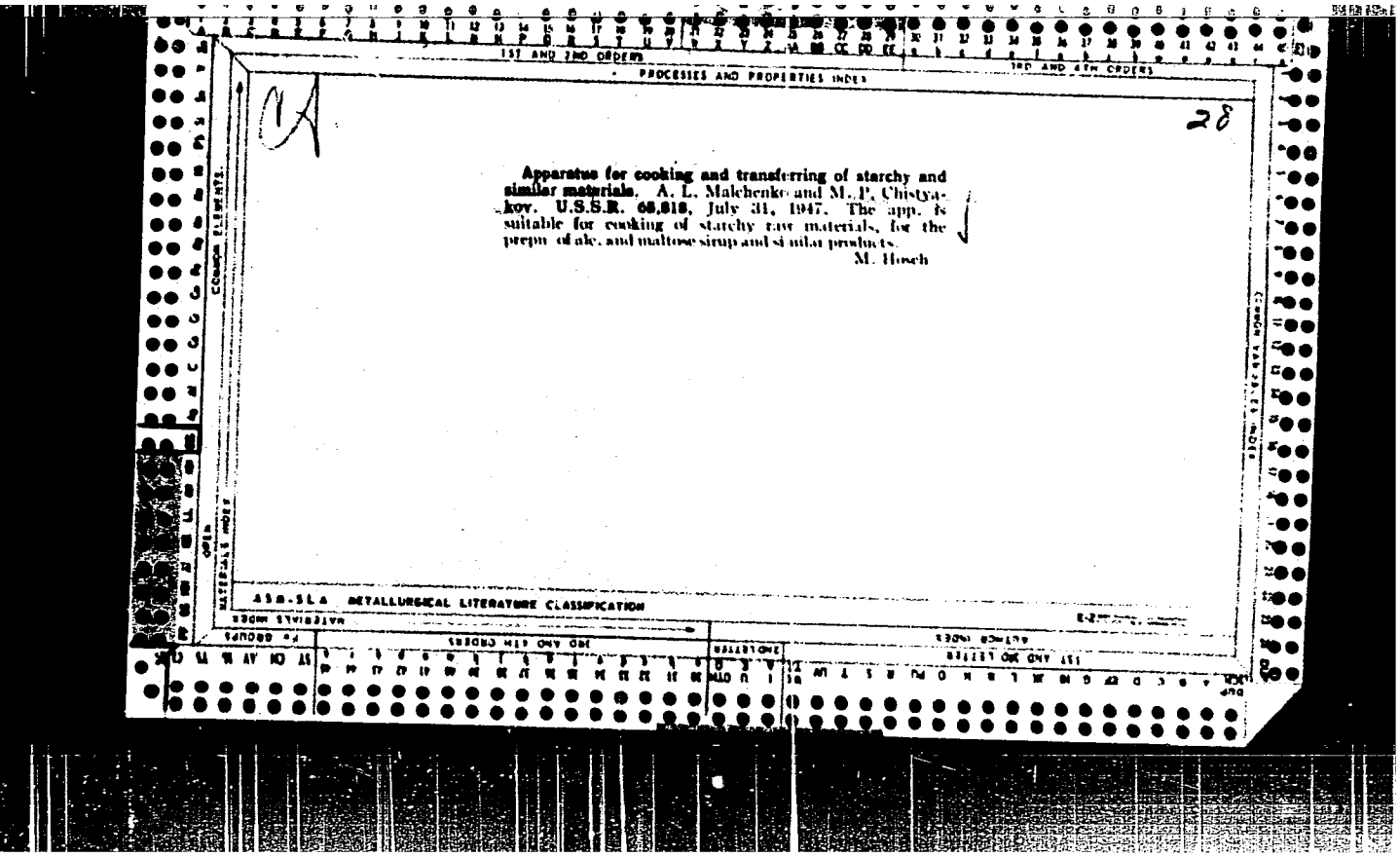

C A
1
Bubble cap for distillation columns. A. I. Makhenko, M. S. Chistyakov, and A. G. Kyunzman. U.S.S.R. 60,100. Aug. 31, 1945.
M. Hoch
METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2


CA
16
Apparatus for making and distribution of mash. A. L. Malchenko and M. P. Chistyakov, U.S.S.R. 68,706, June 30, 1947.
M. Hosch
METALLURGICAL LITERATURE CLASSIFICATION

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2



1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

CA

28

Apparatus for cooking and transferring of starchy and similar materials. A. L. Malchenko and M. P. Chistyakov. U.S.S.R. 68,618, July 31, 1947. The app. is suitable for cooking of starchy raw materials, for the prepn. of ale, and maltose syrup and similar products.

M. Hoch

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

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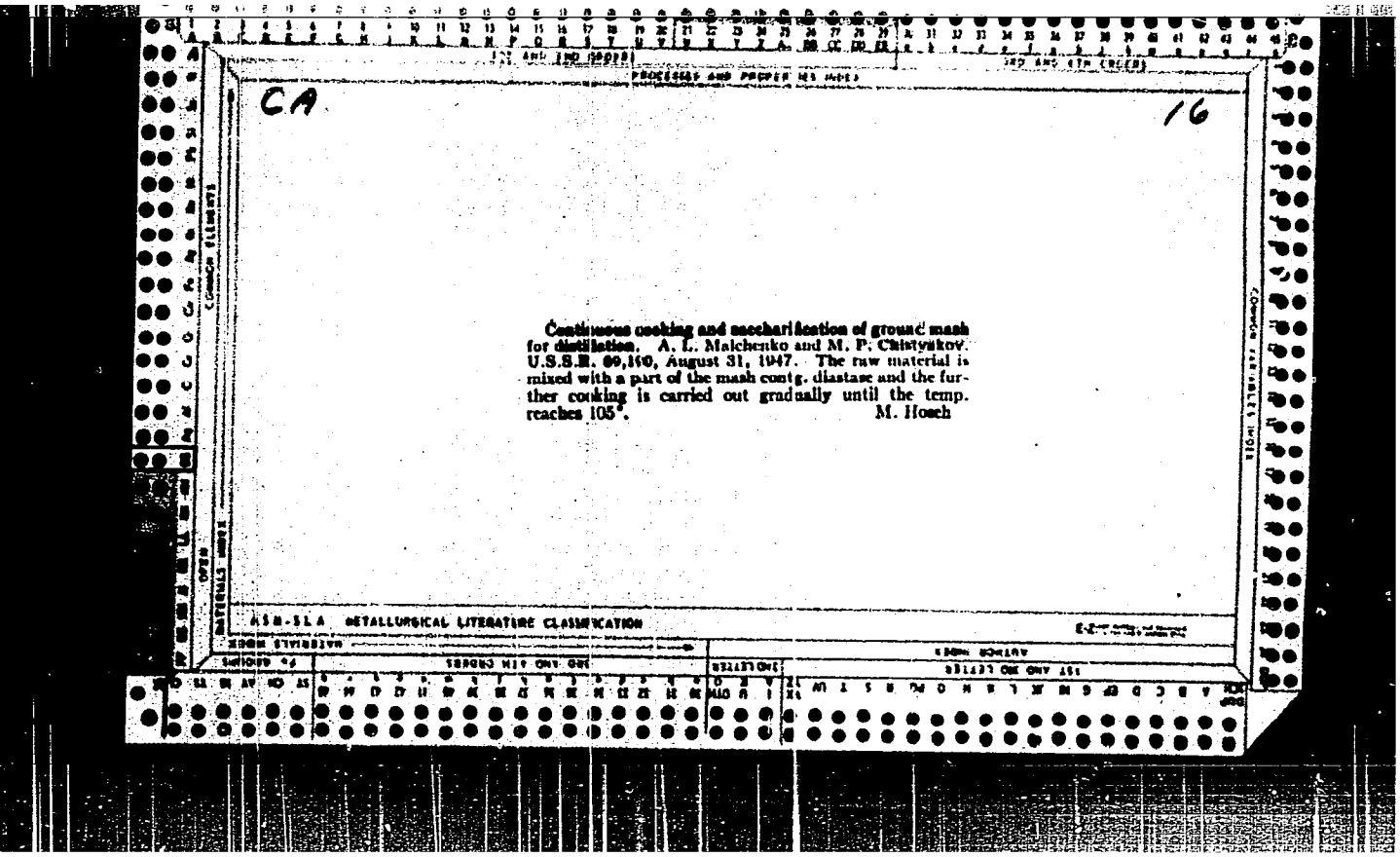
CA

16

Continuous cooking and saccharification of ground mash for distillation. A. L. Malchenko and M. P. Chistyakov. U.S.S.R. 69,160, August 31, 1947. The raw material is mixed with a part of the mash contg. diastase and the further cooking is carried out gradually until the temp. reaches 105°.

M. Hosch

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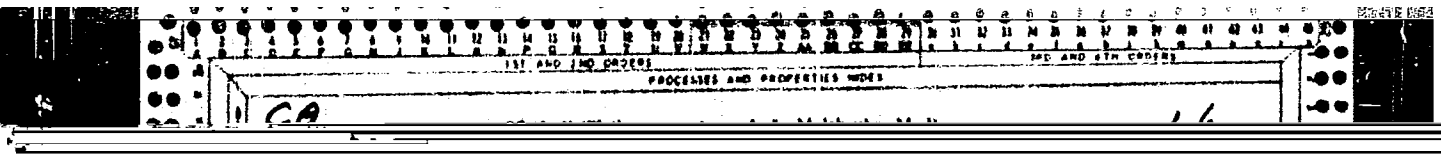
"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2



"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CA

16

Wort distillation apparatus. A. L. Malchenko, M. P. Shitrakov, and A. G. Kyuneman. U.S.S.R. 69,552, Dec. 31, 1947. The app. is a column divided into 2 parts of which one serves for fermentation and the other for rectification. The H_2O condensate from the rectification column is directed to a special rep. column. The alc. vapors from the latter are returned to the rectification column.

M. Hoseh

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

MALCHENKO, A.L.; CHISTYAKOV, M.P.

Fermentation in a continuous production of alcohol. Patent U.S.S.R. 77,813, Dec. 31, 1949.
(CA 47 no.21:11654 '53)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

ACC NR: AP6028135 SOURCE CODE: UR/0048/66/030/006/1065/1067

AUTHOR: Galanskiy, N.M.; Chistyakov, N.S.; Frolov, G.I.

ORG: Institute of Physics, Siberian Section, Academy of Sciences, SSSR (Institut fiziki Sibirskogo otdeleniya Akademii nauk SSSR)

TITLE: Concerning investigation of the nature of the weakfield pulse switching process in thin ferromagnetic films [Report, All-Union Conference on the Physics of Ferro- and Antiferromagnetism held 2-7 July 1965 in Sverdlovsk]

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 6, 1966, 1065-1067

TOPIC TAGS: ferromagnetic film, magnetization, magnetic susceptibility, microwave, Permalloy

ABSTRACT: It is suggested that the changes in the uhf susceptibility of thin ferromagnetic films during pulsed switching be employed, in addition to the signals picked up by the usual longitudinal and transverse windings, in investigations of the switching mechanism. It is shown with the aid of the expressions of N.S.Chistyakov and V.A. Ignatchenko (Izv. AN SSSR, Ser. fiz., 30, No. 1, 59 (1966)) for the uhf susceptibility at frequencies far from the ferromagnetic resonance, that the uhf susceptibility does not change during switching by domain wall displacement but does change during switching by magnetization rotation, even when the rotation is symmetrically bilateral (half the magnetization rotating clockwise and half, counterclockwise). The use of both

Card 1/2

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

DUSHEN'KINA, Svetlana Viktorovna; SYSOYEV, Boris Ivanovich; CHISTYAKOV, Maksim Tikhonovich; VOZYAKOV, A., otv. red.; NADEZHDINA, A., red. izd-va; LEBEDEV, A., tekhn. red.

[Financing of planning and engineering work] Finansirovanie proektnykh i izyskatel'skikh rabot. Moskva, Gosfinizdat, 1961. 84 p. (MIRA 14:10)

(Construction industry—Finance)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

GEL'FOND, A.; KARANDEYEV, K.; CHISTYAKOV, M.; SHUMILOVSKIY, N.; LEVIN, M.; YEROMAKOV, V.; KOBRINSKIY, N.

V.N. Mil'shtein; obituary. Elektrichestvo no.4:94 Ap '58.
(Mil'shtein, Viktor Naumovich, d. 1958) (MIRA 11:5)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, N.

New system of distributing the state farm profit. Fin. SSSR 23 no.12:43-45 D '62. (MIRA 16:1)

(State farms—Finance)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, N. A.

"Ulcers of the Lower Leg and Their Treatment." Sub 17 Feb 47, First Moscow Order of Lenin Medical Inst

Dissertations presented for degrees in science and engineering in Moscow in 1947

SO: Sum No. 457, 18 Apr 55

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, N. E.

"Electrical Aviation Instruments," 1950.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, N.F.

USSR/Miscellaneous - Radio stations

Card 1/1 Pub. 133 - 11/18

Authors : Chistyakov, N. F.

Title : How we aid the kolkhoz (agricultural) radio stations

Periodical : Vest. svyazi 12, 23-24, Dec 1954

Abstract : The work accomplished during the past four years by the Krasnodar radio relay station, in aiding of already existing and in the installation of new radio stations in the kolkhozes (farms) of that region, is described. Illustration.

Institution : ...

Submitted : ...

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, N. I.

"Ob uchete vliyaniya fazovogo zapazdyvaniya b usilitele na avtomati
[redacted] Elektrosvyaz', No.7, pp 27-29, 1940

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, N. I.

CHISTYAKOV, N. I.

Chistyakov, N. I. defended his Doctor's dissertation in the Moscow Aviation Institute im Ordzhonikidze, USSR, on 28 October 1946, for the academic degree of Doctor of Technical Sciendes.

Dissertation: "Remote Transmission and Servo Systems in Aircraft Navigtion Instruments". Resume: Chistyakov advanced theoretical premises governing the calculation of remote ac and dc electric transmission for rational selection of circuits and parameters in the planning of navigation systems. He developed a theory of the types of remote transmissions least studied and of greatest interest. He investigated the basic factors determining servo-system operating conditions in navigation instruments and analyzed general principal circuits of compass units.

Official Opponents: Profs. V. K. Popov (Doctor of Technical Sciences); B. P. Aparov (Doctor of Technical Sciences); Ye. F. Antipov (Chief Designer of OKB).

SO: Elektrichestvo, No. 7, Moscow, August 1953, pp 87-92 (W/29844, 16 Apr 54)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, N. I.

23209 K teorii potentsiometricheskikh distantsionnykh peredach. Trudy mosc. aviats. tekhnol. in-ta, vip. 6, 1949, c. 67-84.

SO: LETOPIS' NO. 31, 1949

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, N.I.

PHASE X TREASURE ISLAND BIBLIOGRAPHICAL REPORT AID 647 - X

Call No.: AF365217

BOOK

Author: CHISTYAKOV, N. I.
Full Title: AIRCRAFT ELECTRICAL INSTRUMENTS
Transliterated Title: Elektricheskiye aviatsionnyye pribory

PUBLISHING DATA

Originating Agency: None
Publishing House: State Publishing House of the Defense Industry (Oborongiz)
Date: 1950 No. pp.: 465 No. of copies: 6,000
Editorial Staff: None

PURPOSE AND EVALUATION: This is a textbook approved by the Ministry of Higher Education of the USSR for students of technical institutions of higher learning. It may be also useful to industrial engineering technical workers who calculate, design, test and operate aircraft instruments. The book is interesting as a compilation of a considerable amount of material necessary for the understanding of modern aircraft equipment. Apparently it does not describe original solutions or achievements and its interest is only instructional.

TEXT DATA

Coverage: This book is a compilation of general problems on the design of electrical and magnetic aircraft instruments. The detailed table

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Elektricheskiye aviatsionnyye pribory AID 647 - X

		Pages
Ch. VIII	Self-Balancing Potentiometric Remote Indicating Systems	146-159
Ch. IX	A-C Remote Control Systems	160-204
Ch. X	Remote Control Systems for Aircraft Instruments and Apparatus	205-209
Ch. XI	Level-Indicating Systems	210-218
Ch. XII	Tachometers	219-241
Ch. XIII	Fuel Consumption Meters	242-249
Ch. XIV	Fundamentals of the Theory of Feedback Control Systems	250-320
Ch. XV	Feedback Control Systems for Aircraft	321-383
Ch. XVI	Remote Indicating Magnetic Compasses	384-401
Ch. XVII	Electrical Elements of Gyro Instruments	402-434
Ch. XVIII	Aircraft Gyro-Compass Systems	435-472
Ch. XIX	Automatic Position Calculators	473-508
Ch. XX	Radio-Navigation Instruments	509-527
Bibliography		528-531

No. of References: 82 Russian, 1932-1950.
Facilities: A number of scientists and several institutions of higher learning are mentioned in the preface and introduction.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

USSR/Physics - Differential Analyzers; May/Jun 51
Electronic Switches

"A Note to the Editors of the Journal 'Avtomatika i Telemekhanika'" N. I. Chistyakov, Dr Tech Sci, Pres of Committee on Electronic and Radioeng Equipment, All-Union Sci Tech Soc of Instr Bldg

"Avtomat i Telemekh" Vol XII, No 3, p 231

States that Watkin's differential amplitude analyzer (described in "The Rev of Sci Instruments" No 7, 1949) is based entirely on L. A. Goncharskiy's amplitude selection (described in "Avtomat i Telemekh" No 3, 1936). Points out Soviet priority in the field of

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CHISTYAKOV, N.I.

electron-ray commutator design and other allied instruments. (A note from the editors confirms the above assertions.)

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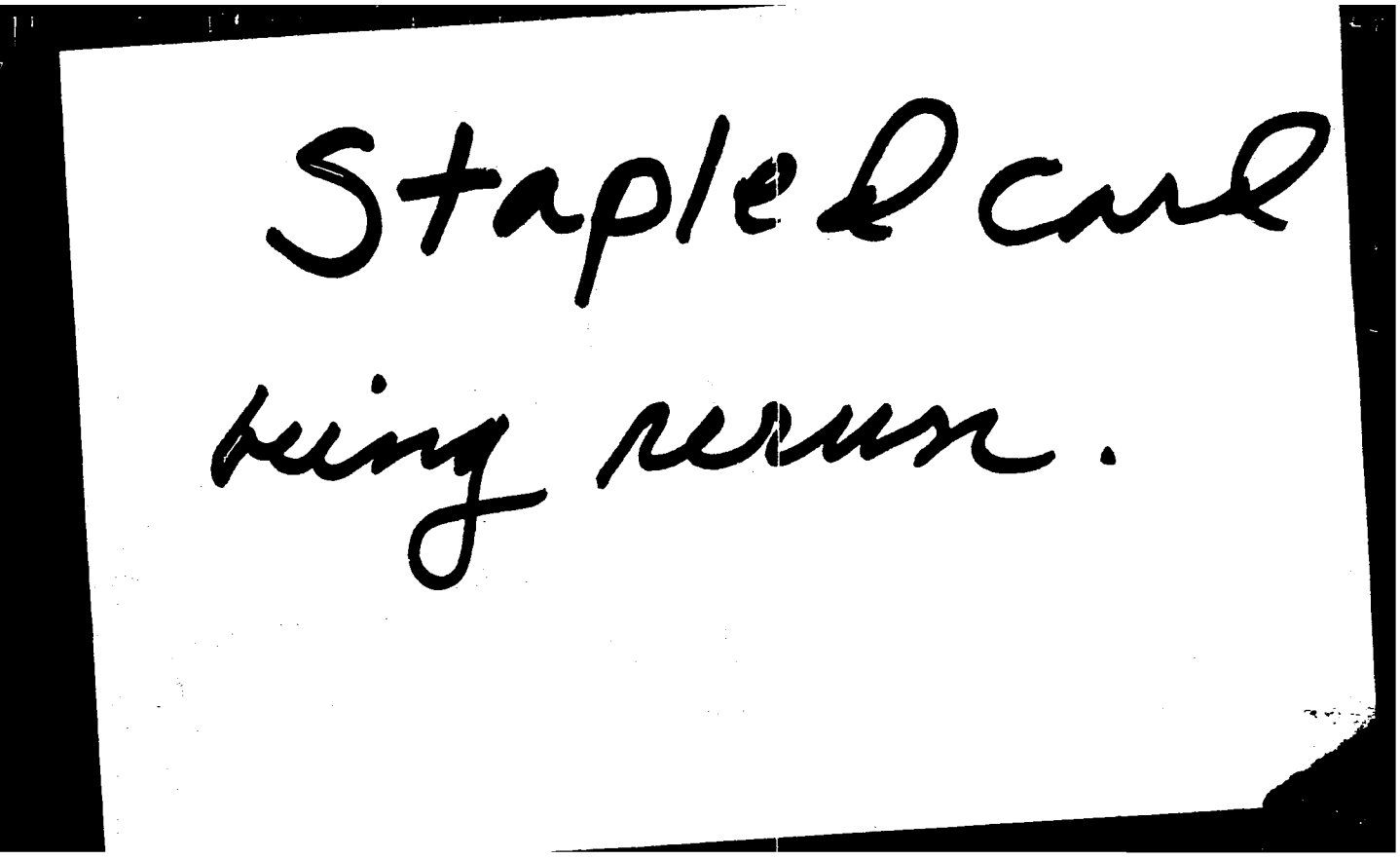

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L 09768-67 EWP(m)/EWP(t)/ETI IJP(c) JD

ACC NR: AP6020135 SOURCE CODE: UR/0048/66/030/006/1065/1067

AUTHOR: Galanskiy, N.M.; Chistyakov, N.S.; Frolov, G.I.

ORG: Institute of Physics, Siberian Section, Academy of Sciences, SSSR (Institut fiziki Sibirskogo otdeleniya Akademii nauk SSSR)

TITLE: Concerning investigation of the nature of the weakfield pulse switching process in thin ferromagnetic films / Report, All-Union Conference on the Physics of Ferro- and Antiferromagnetism held 2-7 July 1965 in Sverdlovsk /

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 6, 1966, 1065-1067

TOPIC TAGS: ferromagnetic film, magnetization, magnetic susceptibility, microwave, Permalloy

ABSTRACT: It is suggested that the changes in the uhf susceptibility of thin ferromagnetic films during pulsed switching be employed, in addition to the signals picked up by the usual longitudinal and transverse windings, in investigations of the switching mechanism. It is shown with the aid of the expressions of N.S.Chistyakov and V.A. Ignatchenko (Izv. AN SSSR, Ser. fiz., 30, No. 1, 59 (1966)) for the uhf susceptibility at frequencies far from the ferromagnetic resonance, that the uhf susceptibility does not change during switching by domain wall displacement but does change during switching by magnetization rotation, even when the rotation is symmetrically bilateral (half the magnetization rotating clockwise and half, counterclockwise). The use of both

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ACC NR: AP6029135

pick-up coils and the uhf susceptibility, therefore, makes it possible to distinguish between the magnetization change due to domain wall displacement and that due to rotation. Curves of the uhf susceptibility of a 1500 Å Permalloy film recorded during switching with a 10 Oe pulse are presented as an illustration of the feasibility of the proposed technique. To record these curves the film was mounted near the end wall of a resonant cavity which was in a side arm of a T bridge and was excited at 9 kMHz in the H_{102} mode. Orig. art. has: 1 formula and 3 figures.

SUB CODE: 20 SUBM DATE: 00 ORIG. REF: 002 OTH REF: 002

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, N. I.

Radioprivem i Rabota Radiopriyemnika (Radio Reception and the Work of a Radio Receiver)

By N. I. CHISTYAKOV, a textbook for those studying radio by correspondence, 2d edition, Military Publishing House, 1953, 224 pages, price 6 rubles. (Krasnaya Zvezda, 4 Mar 54)

SO: SUM 175, 6 August 1954

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, N. I.

Radiotekhnika (Radio engineering). Moskva, Voenizdat, 1953. 479 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 7, Oct. 1954

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

TSYKIN, Georgiy Sergeyevich; CHISTYAKOV,N.I., redaktor; GALOYAN,M.A., SOKOLOVA,R.Ya., tekhnicheskiy redaktor

[Computation of the degrees of broad-banded and impulse amplification with simple high-frequency correction] Raschet stupenei shirokopolosnogo i impul'snogo usileniia s prostoi vysokochastotnoi korrektsiei. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1955. 79 p. (MLRA 9:2)
(Amplifiers, Electron-tube)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

LEBEDEV, Vsevolod Leonidovich; CHISTYAKOV, N.I., otvestvennyy redaktor; SOKOLOVA, R.Ya., tekhnicheskiy redaktor.

[Radio receivers] Radiopriemnye ustroistva. Izd.2-e perer. i dop. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1955. 365 p. (MLRA 8:9)
(Radio--Receivers and reception)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, N., professor, doktor tekhnicheskikh nauk.

Further mastery of ultra-short waves. Radio no.5:17-18 My'55.
(Radio, Short wave) (MLRA 8:6)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, Nikolay Iosafovich, professor, doktor tekhnicheskikh nauk; MATLIN, I.I., inzhener-polkovnik, redaktor; SRIBNIS, N.V., tekhnicheskiy redaktor.

[Radio reception and work of the radio receiver; manual for persons studying radio receivers with the aid of descriptions] Radiopriem i rabota radiopriemnika; posobie dlia izuchaiushchikh radiopriemniki po opisaniiam. Izd. 3-e, dop. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 247 p. (MLRA 9:6)
(Radio--Receivers and reception)

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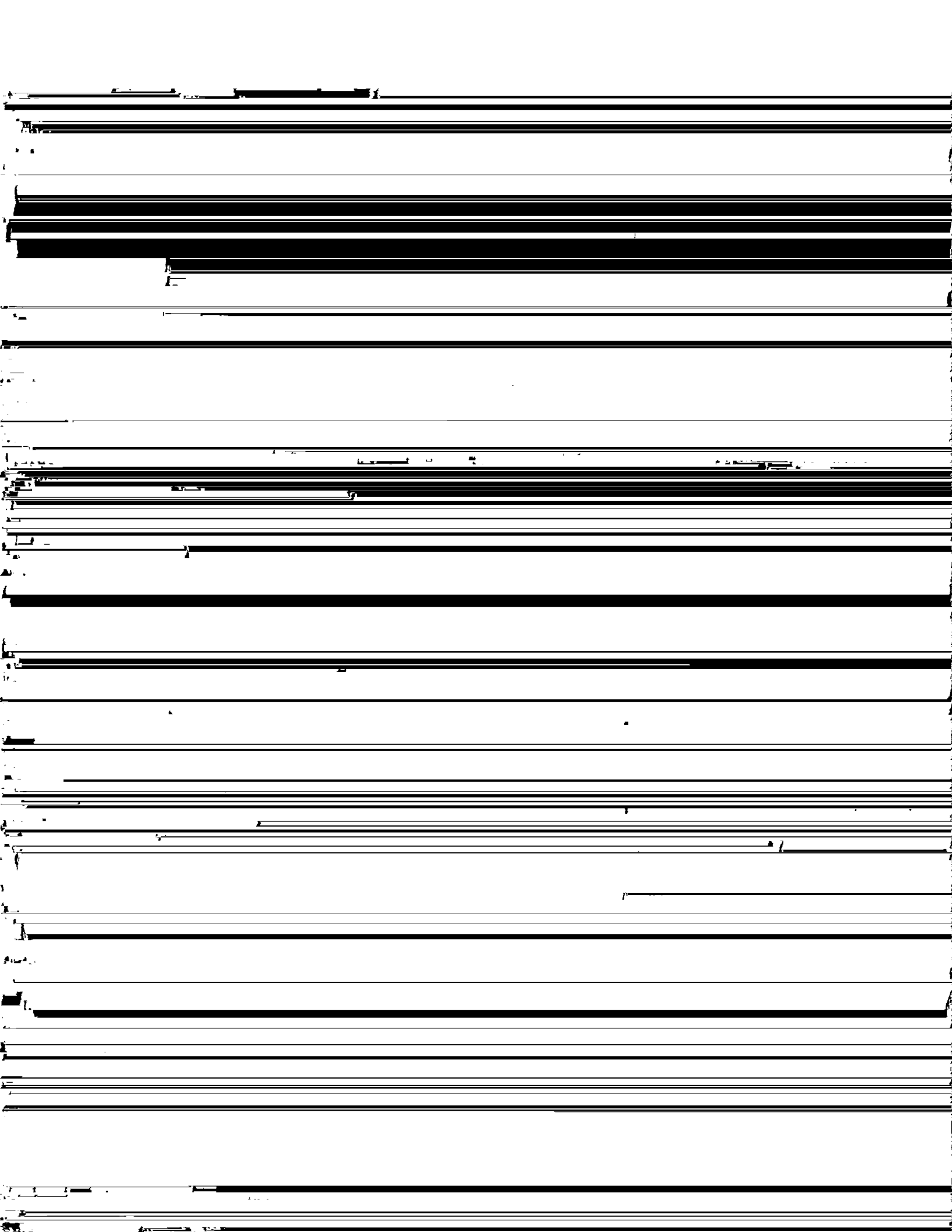

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, Nikolay Iosafovich, doktor tekhnicheskikh nauk, professor; [illegible]ktor; GUBIN, M.I., tekhnicheskiy redaktor

[Use of semiconductors in engineering] Primenenie poluprovodnikov v tekhnike. Moskva, Izd-vo "Znanie," 1957. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.4, no.15) (MLRA 10:7)
(Semiconductors)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000308910008-2

CHISTYAKOV, NIKOLAY IOSAFOVICH

Chistyakov, Nikolay Iosafovich Call Nr: None given

Poluprovodniki i ikh primeneniye (Semiconductors and Their Use) Moscow, Trudrezervizdat, 1957, 62 p. (Novaya tekhnika i peredovyye metody truda)

Ed.: Serebrennikova, L. A.; Scientific Ed.: Chetverikov, N. I.; Tech. Ed.: Matusevich, Z. L.

PURPOSE: The booklet is intended for teachers and technical instructors at the schools of the labor reserve. It could be of use to the technical engineering personnel and the qualified workers of industrial enterprises.

COVERAGE: The booklet describes in a popular form the properties of semiconductors and the physical principles of operation of various semiconductor devices, including rectifiers and amplifiers. Recent Soviet and non-Soviet achievements in the field of semiconductor technique are mentioned. Soviet scientists: Ioffe, A. F., Davydov, B. I., Lashkarev, V. Ye., Kolomiyets, B. T., Frenkel', Ya. I., Tamm, I. Ye., and Vul, B. M., are mentioned as having carried out extensive investigations of semiconductor materials. There are 10 references, all of them Soviet.

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